

Amendments to the Claims

1. (Currently Amended) A dishwasher comprising:

a cabinet having an open front side;

a door opening/closing the front side of the cabinet;

a locker at the door;

a coupling member inside the cabinet to be elastically coupled to or separated from the locker in opening/closing the door; and

a switch in rear of the coupling member to sense opening/closing of the door;

wherein the coupling member comprises at least one plate spring in the form of a plate so as to exert an elastic force as bent.

2. (Cancelled)

3. (Currently Amended) The dishwasher as claimed in claim 1, wherein the coupling member comprises first and second coupling members to be brought ~~into~~ contact with both sides of the locker, respectively.

4. (Currently Amended) ~~The dishwasher as claimed in claim 3;~~ A dishwasher comprising:

a cabinet having an open front side;

a door opening/closing the front side of the cabinet;

a locker at the door;

a coupling member inside the cabinet to be elastically coupled to or separated from the locker in opening/closing the door; and

a switch in rear of the coupling member to sense opening/closing of the door

wherein the coupling member comprises first and second coupling members to be brought into contact with both sides of the locker, respectively, and

wherein two pairs of fixing protrusions are formed inside the cabinet and wherein both ends of the first and second coupling members are hooked to be coupled to the fixing protrusions, respectively.

5. (Original) The dishwasher as claimed in claim 4, wherein guides are provided to circumferences of both of the ends of the first and second coupling members to prevent the first and second coupling members from being separated from the fixing protrusions, respectively.

6. (Currently Amended) ~~The dishwasher as claimed in claim 3;~~ A dishwasher comprising:

a cabinet having an open front side;

a door opening/closing the front side of the cabinet;

a locker at the door;

a coupling member inside the cabinet to be elastically coupled to or separated from the locker in opening/closing the door; and

a switch in rear of the coupling member to sense opening/closing of the door

wherein the coupling member comprises first and second coupling members to be brought into contact with both sides of the locker, respectively, and

wherein a pair of incline coupling pieces are provided to both of the sides of the locker, respectively and wherein a pair of protrusions brought into elastic contact with the coupling pieces are formed at centers of the first and second coupling members, respectively.

7. (Original) The dishwasher as claimed in claim 6, wherein a front end of each of the coupling pieces inclines slower than a rear end thereof.

8. (Currently Amended) ~~The dishwasher as claimed in claim 1, A dishwasher comprising:~~

a cabinet having an open front side;

a door opening/closing the front side of the cabinet;  
a locker at the door;  
a coupling member inside the cabinet to be elastically coupled to or  
separated from the locker in opening/closing the door; and  
a switch in rear of the coupling member to sense opening/closing of the  
door

wherein fixing protrusions are formed inside the cabinet and both ends of the coupling member are hooked to the coupled to the fixing protrusions, respectively.

9. (Original) The dishwasher as claimed in claim 8, wherein guides are provided to circumferences of the both ends of the coupling member to prevent the coupling member from being separated from the fixing protrusions, respectively.

10. (Currently Amended) ~~The dishwasher as claimed in claim 1, A~~  
dishwasher comprising:

a cabinet having an open front side;  
a door opening/closing the front side of the cabinet;  
a locker at the door;

a coupling member inside the cabinet to be elastically coupled to or separated from the locker in opening/closing the door; and

a switch in rear of the coupling member to sense opening/closing of the door

wherein an incline coupling piece is provided to one side of the locker and wherein a protrusion brought into elastic contact with the coupling piece is formed at a center of the coupling member.

11. (Currently Amended) The dishwasher as claimed in claim 10, wherein a front end of the coupling piece to be brought into sliding contact with the coupling member inclines slower than a rear end of the coupling piece to be caught on the protrusion of the coupling member.

12. (Cancelled)

13. (Currently Amended) ~~The dishwasher as claimed in claim 12,~~

A dishwasher comprising:

a cabinet having an open front side;

a door opening/closing the front side of the cabinet;

a locker at the door;

a coupling member inside the cabinet to be elastically coupled to or separated from the locker in opening/closing the door; and

a switch in rear of the coupling member to sense opening/closing of the door, the switch assembly comprising:

a micro switch sensing the opening/closing of the door to control an operation of the dishwasher; and

a button at one side of the micro switch to transfer operation information of the door to the micro switch, and

wherein the button is directly brought into contact with the locker when the door is closed.

14. (Currently Amended) A door lock assembly of a dishwasher, comprising:

a locker at a door opening/closing a front side of a cabinet;

a coupling member inside the cabinet, to be elastically coupled to or separated from the locker in opening/closing the door; and

a switch in rear of the coupling member to sense opening/closing of the door;

wherein the coupling member comprises at least one plate spring in the form of a plate so as to exert an elastic force as bent.

15. (Cancelled)

16. (Currently Amended) The door lock assembly as claimed in claim 14, wherein the coupling member comprises first and second coupling members to be brought into contact with both sides of the locker, respectively.

17. (Currently Amended) ~~The door lock assembly as claimed in claim 14;~~  
A door lock assembly of a dishwasher, comprising:

a locker at a door opening/closing a front side of a cabinet;

a coupling member inside the cabinet, to be elastically coupled to or separated from the locker in opening/closing the door;

a switch in rear of the coupling member to sense opening/closing of the door; and

wherein two pairs of fixing protrusions are formed inside the cabinet and wherein both ends of the first and second coupling members are hooked to be coupled to the fixing protrusions, respectively.

18. (Currently Amended) ~~The door lock assembly as claimed in claim 16;~~  
A door lock assembly of a dishwasher, comprising:

a locker at a door opening/closing a front side of a cabinet;

a coupling member inside the cabinet, to be elastically coupled to or separated from the locker in opening/closing the door;

a switch in rear of the coupling member to sense opening/closing of the door;

wherein the coupling member comprises first and second coupling members to be brought into contact with both sides of the locker, respectively;  
and

wherein a pair of incline coupling pieces are provided to the both sides of the locker, respectively and wherein a pair of protrusions brought elastic contact with the coupling pieces are formed at centers of the first and second coupling members, respectively.

19. (Cancelled)

20. (Currently Amended) ~~The door lock assembly as claimed in claim 19;~~  
A door lock assembly of a dishwasher, comprising:

a locker at a door opening/closing a front side of a cabinet;

a coupling member inside the cabinet, to be elastically coupled to or separated from the locker in opening/closing the door;

a switch in rear of the coupling member to sense opening/closing of the door;



the switch comprising:

a micro switch sensing the opening/closing of the door to control an operation of the dishwasher; and

a button at one side of the micro switch to transfer operation information of the door to the micro switch; and

wherein the button is directly brought ~~into~~ contact with the locker when the door is closed.